ELECTRIC SCISSOR LIFTS

Operation Service Manual

JCPT0808HD JCPT1008HD JCPT1012HD JCPT1212HD

JCPT0808DC JCPT1008DC JCPT1012DC JCPT1212DC

WARNING

THE MANUFACTURER SHALL NOT BE HELD LIABLE IN CASE OF FAULTS OR ACCIDENTS DUE TO NEGLIGENCE, INCAPACITY, INSTALLATION BY UNQUALIFIED TECHNICIANS AND IMPROPER USE OF THE MACHINE.

DO NOT OPERATE THIS MACHINE UNTIL YOU READ AND UNDERSTAND ALL THE DANGERS, WARNINGS AND CAUTIONS IN THIS MANUAL

Important

Read, understand and obey these safety rules and operating instructions before operating this machine.
Only trained and authorized personnel shall be permitted to operate this machine. This manual should be considered a permanent part of your machine and should remain with the machine at all times. If you have any questions, please call DINGLI Machinery.

Contents

	Page
Safety Rules	1
Control panel	12
Pre-operation Inspection	15
Maintenance	17
Function Tests	19
Workplace Inspection	24
Operating Instructions	25
Transport and Lifting Instructions	32
Decals	36
Specifications	38
Schematic	46

Owners, Users and operators:

We appreciate your choice of our machine for your application. Our number one priority is user safety, which is best achieved by our joint efforts. We feel that you make a major contribution to safety if you, as the equipment users and operators:

1. Comply with employer, job site and governmental rules.
2. Read, understand and follow the instructions in this and other manuals supplied with this machine.
3. Use good safe work practices in a commonsense way.
4. 0nly have trained / certified operators, directed by informed and knowledgeable supervision, running the machine.

If there is anything in this manual that is not clear or which you believe should be added, please contact us.

Contact us:

Danger

Failure to obey the instructions and safety rules in this manual will result in death or serious injury.

Do Not Operate Unless:

√You learn and practice the principles of safe machine operation contained in this operator's manual.

1 Avoid hazardous situations.

Know and understand the safety rules before going on to the next section.

2 Always perform a pre-operation inspection.

3 Always perform function tests prior to use.

4 Inspect the workplace.

5 Only use the machine as it was intended.

√ You read, understand and obey the manufacturer's instructions and safety rules—safety and operator's manuals and machine decals.

√ You read, understand and obey employer's safety rules and worksite regulations.

√ You read, understand and obey all applicable governmental regulations.

√ You are properly trained to safely operate the machine.

Decal Legend

DINGLI product decals use symbols, color coding and signal words to identify the following:

Safety alert symbol—used to alert personnel to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

DANGER Red—used to indicate the presence of an imminently hazardous situation which, if not avoided, will result in death or serious injury.

WARNING Orange—used to indicate the presence of a potentially hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION Yellow with safety alert symbol-used to indicate the presence of a potentially hazardous situation which, if not avoided, may cause minor or moderate injury.

NOTICE Yellow without safety alert symbol—used to indicate the presence of a potentially hazardous situation which, if not avoided, may result in property damage.

Intended Use

This machine is intended to be used only to lift personnel, along with their tools and materials to an aerial work site.

Safety Sign Maintenance

Replace any missing or damaged safety signs. Keep operator safety in mind at all times. Use mild soap and water to clean safety signs. Do not use solvent-based cleaners because they may damage the safety sign material.

Personal Safety

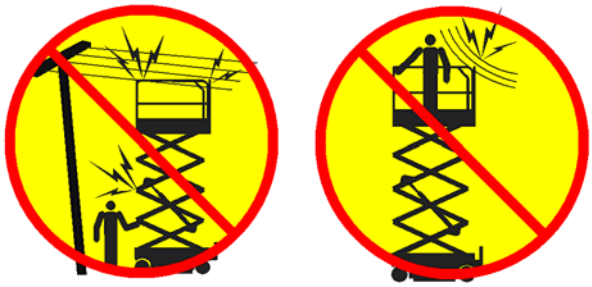
Fall Protection

Personal fall protection equipment (PFPE) is not required when operating this machine. If PFPE is required by job site or employer rules, the following shall apply:

All PFPE must comply with applicable governmental regulations, and must be inspected and used in accordance with the manufacturer’s instructions.

⚠ Electrocution Hazards

This machine is not electrically insulated and will not provide protection from contact with or proximity to electrical current.



Maintain safe distances from electrical power lines and apparatus in accordance with applicable governmental regulations and the following chart.

Voltage Phase to Phase	Minimum Safe Approach Distance Meters
0 to 300V	Avoid Contact
300V to 50KV	3.05
50KV to 200KV	4.60
200KV to 350KV	6.10
350KV to 500KV	7.62
500KV to 750KV	10.67
750KV to 1000KV	13.72

Allow for platform movement, electrical line sway or sag and beware of strong or gusty winds.

Keep away from the machine if it contacts energized power lines. Personnel on the ground or in the platform must not touch or operate the machine until energized power lines are shut off.

Do not operate the machine during lightning or storms.

Do not use the machine as a ground for welding.

⚠ Tip-over Hazards

Occupants, equipment and materials must not exceed the maximum platform capacity or the maximum capacity of the platform extension.

Maximum capacity – JCPT0808HD

Maximum occupants	2
Platform retracted	380 kg
Only platform	267 kg
Only extension deck	113 kg

Maximum capacity – JCPT1008HD

Maximum occupants	2
Platform retracted	230 kg
Only platform	117 kg
Only extension deck	113 kg

Maximum capacity – JCPT1012HD

Maximum occupants	2
Platform retracted	450 kg
Only platform	337 kg
Only extension deck	113 kg

Maximum capacity – JCPT1212HD

Maximum occupants	2
Platform retracted	320 kg
Only platform	207 kg
Only extension deck	113 kg

Platform retracted Platform extended

Extension only Platform only

Maximum capacity – JCPT0808DC

Maximum occupants	2
Platform retracted	380 kg
Only platform	267 kg
Only extension deck	113 kg

Maximum capacity – JCPT1008DC

Maximum occupants	2
Platform retracted	230 kg
Only platform	117 kg
Only extension deck	113 kg

Maximum capacity – JCPT1012DC

Maximum occupants	2
Platform retracted	450 kg
Only platform	337 kg
Only extension deck	113 kg

Maximum capacity – JCPT1212DC

Maximum occupants	2
Platform retracted	320 kg
Only platform	207 kg
Only extension deck	113 kg

Platform retracted Platform extended

Extension only

Platform only

Work Area Safety

Do not raise the platform unless the machine is on a firm, level surface.

Do not drive over 0.8 km/h with the platform raised.

Do not depend on the tilt alarm as a level indicator. The tilt alarm sounds on the chassis and in the platform when the machine is on a slope.

If the tilt alarm sounds:

Lower the platform. Move the machine to a firm, level surface. If the tilt alarm sounds when the platform is raised, use extreme caution to lower the platform.

Do not raise the platform when wind speeds may exceed 12.5 m/s. If wind speeds exceed 12.5 m/s when the platform is raised, lower the platform and do not continue to operate the machine.

Do not operate the machine in strong or gusty winds. Do not increase the surface area of the platform or the load. Increasing the area exposed to the wind will decrease machine stability.

Do not use the platform controls to free a platform that is caught, snagged or otherwise prevented from normal motion by an adjacent structure. All personnel must be removed from the platform before attempting to free the platform using the ground controls.

Use extreme care and slow speeds while driving the machine in the stowed position across uneven terrain, debris, unstable or slippery surfaces and near holes and drop-offs.

Do not drive the machine on or near uneven terrain, unstable surfaces or other hazardous conditions with the platform raised.

Do not use the machine as a crane.

Do not place or attach fixed or overhanging loads to any part of this machine.

Do not push the machine or other objects with the platform.

Do not operate the machine with the chassis trays open.

Do not contact adjacent structures with the platform

Do not alter or disable the limit switches.

Do not push off or pull toward any object outside of the platform.

Maximum allowable manual force	400 N

Do not tie the platform to adjacent structures.

Do not place loads outside the platform perimeter.

Do not alter or disable machine components that in any way affect safety and stability.

Do not replace items critical to machine stability with items of different weight or specification.

Do not use batteries that weigh less than the original equipment. Batteries are used as counterweight and are critical to machine stability. Each battery must weigh 33 kg. Battery box including batteries must weigh a minimum of 165 kg.

Do not modify or alter an aerial work platform without prior written permission from the manufacturer. Mounting attachments for holding tools or other materials onto the platform, toeboards or guard rail system can increase the weight in the platform and the surface area of the platform or the load.

Do not place ladders or scaffolds in the platform or against any part of this machine.

Do not transport tools and materials unless they are evenly distributed and can be safely handled by person(s) in the platform.

Do not use the machine on a moving or mobile surface or vehicle.

Be sure all tires are in good condition, air-filled tires are properly inflated and lug nuts are properly tightened.

Work Area Safety

⚠ Crushing Hazards

Keep hands and limbs out of scissors.

Keep hands clear when folding rails.

Use common sense and planning when operating the machine with the controller from the ground. Maintain safe distances between the operator, the machine and fixed objects.

Maintain a firm grasp on the platform rail when removing the rail pins. Do not allow the platform guard rails to fall.

⚠ Operation on Slopes Hazards

Do not drive the machine on a slope that exceeds the slope and side slope rating of the machine.

Slope rating applies to machines in the stowed position.

Model	Maximum slope rating stowed position	Maximum side slope rating stowed position
JCPT0808HD	25% (14°)	25% (14°)
JCPT1008HD	25% (14°)	25% (14°)
JCPT1012HD	25% (14°)	25% (14°)
JCPT1012HD	25% (14°)	25% (14°)
JCPT0808DC	25% (14°)	25% (14°)
JCPT1008DC	25% (14°)	25% (14°)
JCPT1012DC	25% (14°)	25% (14°)
JCPT1012DC	25% (14°)	25% (14°)

Note: Slope rating is subject to ground conditions and adequate traction.

⚠ Fall Hazards

The guard rail system provides fall protection. If occupant(s) of the platform are required to wear personal fall protection equipment (PFPE) due to job site or employer rules, PFPE equipment and its use shall be in accordance with the PFPE manufacturer's instructions and applicable governmental requirements.

Do not sit, stand or climb on the platform guard rails. Maintain a firm footing on the platform floor at all times.

Do not climb down from the platform when raised.

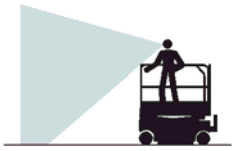
Keep the platform floor clear of debris.

Close the entry gate before operating.

Do not operate the machine unless the guard rails are properly installed and the entry is secured for operation.

Do not enter or exit the platform unless the machine is in the stowed position.

⚠ Collision Hazards



Be aware of limited sight distance and blind spots when driving or operating.

Be aware of extended platform position(s) when moving the machine.

Check the work area for overhead obstructions or other possible hazards.

Be aware of crushing hazards when grasping the platform guard rail.

Operators must comply with employer, job site and governmental rules regarding use of personal protective equipment.

Observe and use color-coded direction arrows on the platform controls and platform decal plate for drive and steer functions.

Do not operate a machine in the path of any crane or moving overhead machinery unless the controls of the crane have been locked out and/or precautions have been taken to prevent any potential collision.

No stunt driving or horseplay while operating a machine.

Do not lower the platform unless the area below is clear of personnel and obstructions.

Limit travel speed according to the condition of the ground surface, congestion, slope, location of personnel, and any other factors which may cause collision.

⚠ Component Damage Hazards

Do not use any battery or charger greater than 24V to charge the batteries.

Do not use the machine as a ground for welding.

⚠ Explosion and Fire Hazards

Do not operate the machine or charge the batteries in hazardous locations where potentially flammable or explosive gases or particles may be present.

⚠ Damaged Machine Hazards

Do not use a damaged or malfunctioning machine.

Conduct a thorough pre-operation inspection of the machine and test all functions before each work shift. Immediately tag and remove from service a damaged or malfunctioning machine.

Be sure all maintenance has been performed as specified in this manual and the appropriate DINGLI service manual.

Be sure all decals are in place and legible.

Be sure the operator’s, safety and responsibilities manuals are complete, legible and in the storage container located in the platform.

⚠ Bodily Injury Hazard

Do not operate the machine with a hydraulic oil or air leak. An air leak or hydraulic leak can penetrate and/or burn skin.

Improper contact with components under any cover will cause serious injury. Only trained maintenance personnel should access compartments. Access by the operator is only advised when performing a pre-operation inspection. All compartments must remain closed and secured during operation.

⚠ Battery Safety

Burn Hazards

Batteries contain acid. Always wear protective clothing and eye wear when working with batteries.

Avoid spilling or contacting battery acid. Neutralize battery acid spills with baking soda and water.

Explosion Hazard

Keep sparks, flames and lighted tobacco away from batteries. Batteries emit explosive gas.

The battery tray should remain open during the entire charging cycle.

Do not contact the battery terminals or the cable clamps with tools that may cause sparks.

Component Damage Hazard

Do not use any battery charger greater than 24V to charge the batteries.

Electrocution/ Burn Hazard

Connect the battery charger to a grounded, AC 3-wire electrical outlet only.

Inspect daily for damaged cords, cables and wires. Replace damaged items before operating.

Avoid electrical shock from contact with battery terminals. Remove all rings, watches and other jewelry.

Tip-over Hazard

Do not use batteries that weigh less than the original equipment. Batteries are used as counterweight and are critical to machine stability. Each battery must weigh 33 kg. Battery tray including batteries must weigh a minimum of 165 kg.

Lifting Hazard

Use the appropriate number of people and proper lifting techniques when lifting batteries.

Lockout After Each Use

1 Select a safe parking location - firm level surface, clear of obstruction and traffic.

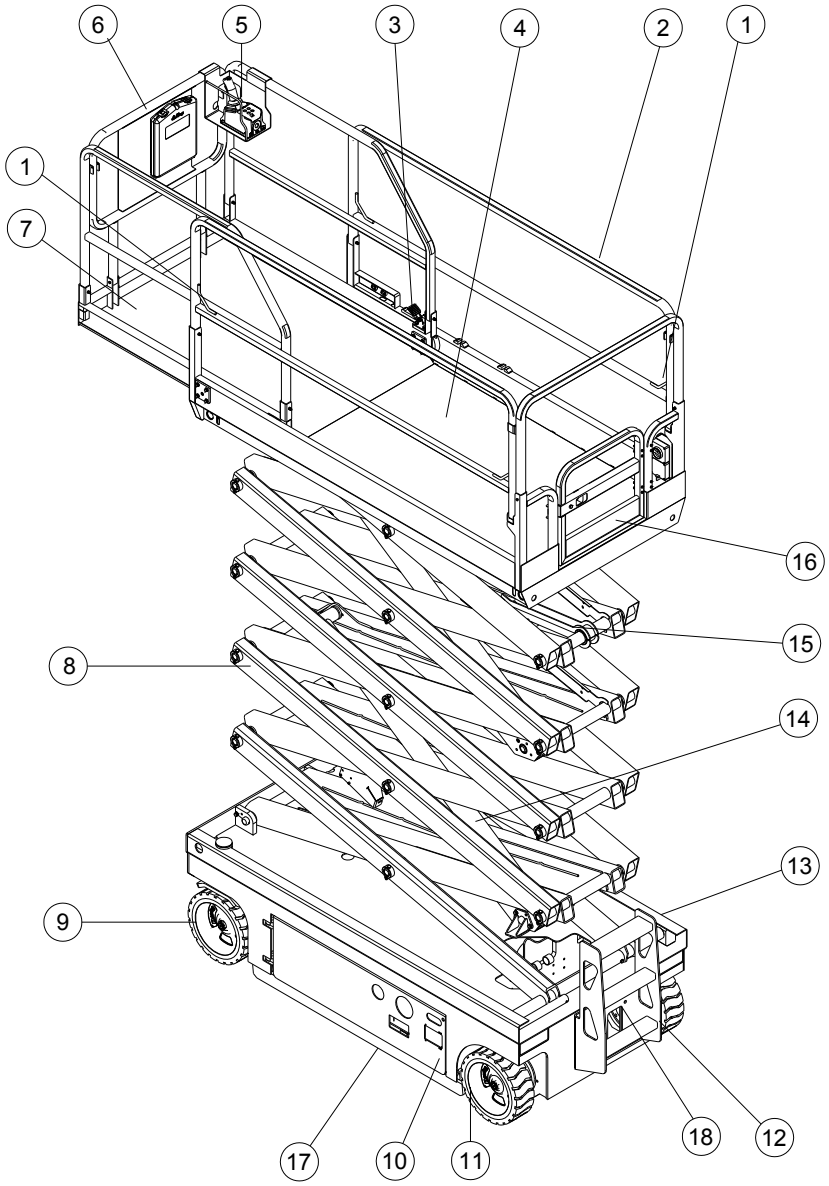
2 Lower the platform.

3 Turn the key switch to the off position and remove the key to secure from unauthorized use.

4 Chock the wheels.

5 Charge the batteries.

Legend



1 Lanyard anchorage point

2 Platform guard rails

3 Platform extension release pedal

4 Main Platform

5 Platform control

6 Manual storage container

7 Platform extension

8 Scissor Arms

9 Steer tire

10 Battery charger

11 Non-steer tire

12 Entry ladder

13 Ground controls (on opposite side of machine)

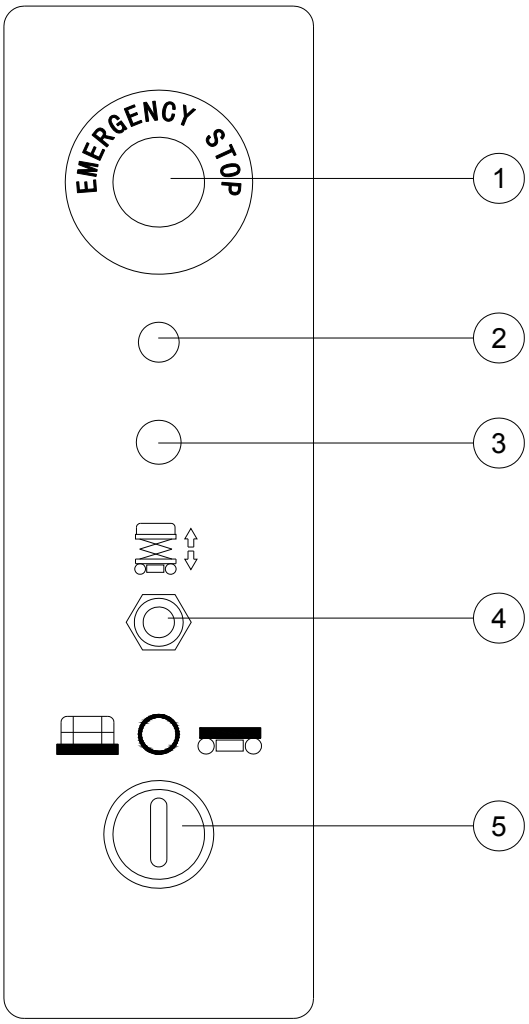
14 Lift Cylinder

15 Safety arm

16 Platform entry gate

17 Pothole guard

18 Brake release pump



Ground Control Panel

1 Red Emergency Stop button

Push in the red Emergency Stop button to the off position to stop all functions. Pull out the red Emergency Stop button to the on position to operate the machine.

2 Indicator light

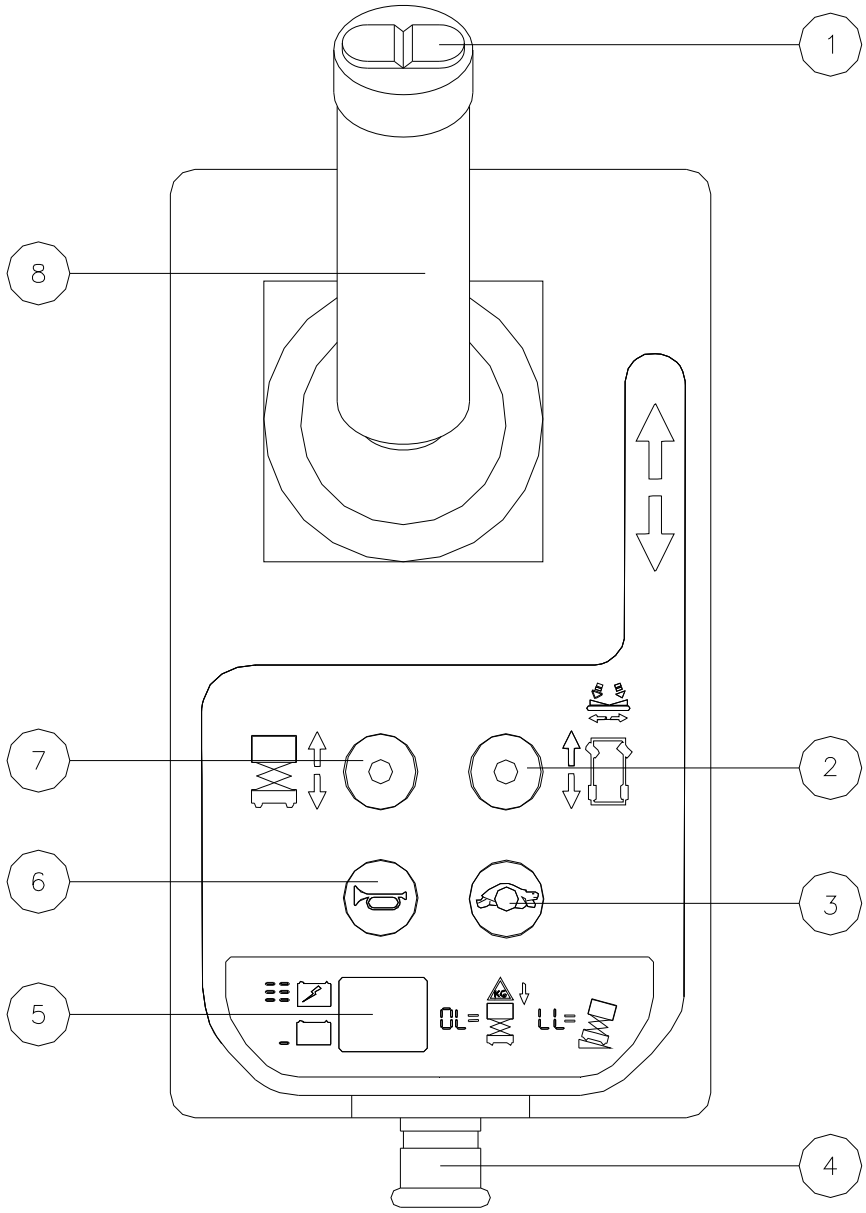
3 7 amp breaker for electric circuits

4 Platform up / down toggle switch

Move the switch up and the platform will raise. Move the switch down and the platform will lower.

5 Key switch for platform / off / ground control selection

Turn the key switch to the platform position and the platform controls will operate. Turn the key switch to the off position and the machine will be off. Turn the key switch to the base position and the ground controls will operate



Platform Control Panel

1 Thumb rocker switch for steer functions

2 Drive function select button

3 Drive speed button

4 Red Emergency Stop button

5 LED

6 Horn button

7 Lift function select button

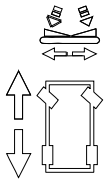
8 Proportional control handle and function enable switch for lift and drive functions

Platform Control Panel

1 Thumb rocker switch for steer functions

Press the thumb rocker switch in either direction to activate steer function.

2 Drive function select button



Press this button to activate the drive function.

3 Drive speed button

Press this button to activate the slow or fast drive function.

4 Red Emergency Stop button

Push in the red Emergency Stop button to the off position to stop all functions. Pull out the red Emergency Stop button to the on position to operate the machine.

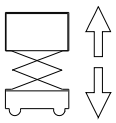
5 LED

Diagnostic read out and battery charge indicator.

6 Horn Button

Push the horn button and the horn will sound. Release the horn button and the horn will stop.

7 Lift function select button



Press this button to activate the lift function.

8 Proportional control handle and function enable switch for lift and drive functions

Lift function: Press and hold the function enable switch to enable the lift function on the platform control handle. Move the control handle in the direction indicated by the blue arrow and the platform will raise. Move the control handle in the direction indicated by the yellow arrow and the platform will lower. The descent alarm should sound while the platform is lowering.

Drive function: Press and hold the function enable switch to enable the drive function on the platform control handle. Move the control handle in the direction indicated by the blue arrow on the control panel and the machine will move in the direction that the blue arrow points. Move the control handle in the direction indicated by the yellow arrow on the control panel and the machine will move in the direction that the yellow arrow points.

Do Not Operate Unless:

☑ You learn and practice the principles of safe machine operation contained in this operator's manual.

1 Avoid hazardous situations.

2 Always perform a pre-operation inspection.

Know and understand the pre-operation inspection before going on to the next section.

3 Always perform function tests prior to use.

4 Inspect the workplace.

5 Only use the machine as it was intended.

Fundamentals

It is the responsibility of the operator to perform a pre-operation inspection and routine maintenance.

The pre-operation inspection is a visual inspection performed by the operator prior to each work shift. The inspection is designed to discover if anything is apparently wrong with a machine before the operator performs the function tests.

The pre-operation inspection also serves to determine if routine maintenance procedures are required. Only routine maintenance items specified in this manual may be performed by the operator.

Refer to the list on the next page and check each of the items.

If damage or any unauthorized variation from factory delivered condition is discovered, the machine must be tagged and removed from service.

Repairs to the machine may only be made by a qualified service technician, according to the manufacturer's specifications. After repairs are completed, the operator must perform a pre-operation inspection again before going on to the function tests.

Scheduled maintenance inspections shall be performed by qualified service technicians, according to the manufacturer's specifications and the requirements listed in the responsibilities manual.

Pre-operation Inspection

☐ Be sure that the operator's, safety and responsibilities manuals are complete, legible and in the storage container located in the platform.

☐ Be sure that all decals are legible and in place. See Decals section.

☐ Check for hydraulic oil leaks and proper oil level. Add oil if needed. See Maintenance section.

☐ Check for battery fluid leaks and proper fluid level. Add distilled water if needed. See Maintenance section.

Check the following components or areas for damage, improperly installed or missing parts and unauthorized modifications:

☐ Electrical components, wiring and electrical cables

☐Hydraulic hoses, fittings, cylinders and manifolds

☐ Battery pack and connections

☐ Drive motors

☐ Wear pads

☐ Tires and wheels

☐ Ground strap

☐ Limit switches, alarms and horn

☐ Nuts, bolts and other fasteners

☐ Platform overload components

☐ Platform entry gate

☐ Beacon and alarms (if equipped)

☐ Safety arm

☐ Platform extension(s)

☐ Scissor pins and retaining fasteners

☐ Platform control joystick

☐ Brake release components

Check entire machine for:

☐ Cracks in welds or structural components

☐ Dents or damage to machine

☐ Be sure that all structural and other critical components are present and all associated fasteners and pins are in place and properly tightened

☐ Be sure side rails are installed and rail pins and bolts are fastened.

☐ Be sure that the chassis trays are closed and latched and the batteries are properly connected.

Note: If the platform must be raised to inspect the machine, make sure the safety arm is in place. See Operating Instructions section.

Observe and Obey:

□ Only routine maintenance items specified in this manual shall be performed by the operator.

□ Scheduled maintenance inspections shall be completed by qualified service technicians, according to the manufacturer's specifications and the requirements specified in the responsibilities manual.

Maintenance Symbols Legend

NOTICE The following symbols have been used in this manual to help communicate the intent of the instructions. When one or more of the symbols appear at the beginning of a maintenance procedure, it conveys the meaning below.

Indicates that tools will be required to perform this procedure.

Indicates that new parts will be required to perform this procedure.

Check the Batteries

Proper battery condition is essential to operational safety. Improper fluid levels or damaged cables and connections can result in component damage and hazardous conditions.

WARNING Electrocution hazard

Contact with hot or live circuits may result in death or serious injury. Remove all rings, watches and other jewelry.

WARNING Bodily injury hazard

Batteries contain acid. Avoid spilling or contacting battery acid. Neutralize battery acid spills with baking soda and water.

1. Put on protective clothing and eye wear.
2. Be sure that the battery cable connections are tight and free of corrosion.
3. Be sure that the battery hold-down bars are secure.
4. Remove the battery vent caps.
5. Check the battery acid level. If needed, replenish with distilled water to the bottom of the battery fill tube. Do not overfill.
6. Install the vent caps.

Check the Hydraulic Oil Level

Maintaining the hydraulic oil at the proper level is essential to machine operation. Improper hydraulic oil levels can damage hydraulic components. Daily checks allow the inspector to identify changes in oil level that might indicate the presence of hydraulic system problems.

NOTICE Perform this procedure with the platform in the stowed position and the engine off.

1 Visually inspect the sight gauge located on the side of the hydraulic oil tank.

⊙ Result: The hydraulic oil level should be within the Lower and Full of the sight gauge.

2 Add oil if necessary. Do not overfill.

Hydraulic oil specifications

-18℃～-5℃	10W
-18℃～99℃	10W-20,10W-30

Scheduled Maintenance

Maintenance performed quarterly, annually and every two years must be completed by a person trained and qualified to perform maintenance on this machine according to the procedures found in the service manual for this machine.

Machines that have been out of service for more than three months must receive the quarterly inspection before they are put back into service.

Do Not Operate Unless:

☑ You learn and practice the principles of safe machine operation contained in this operator's manual.

1 Avoid hazardous situations.

2 Always perform a pre-operation inspection.

3 Always perform function tests prior to use.

Know and understand the function tests before going on to the next section.

4 Inspect the workplace.

5 Only use the machine as it was intended.

Fundamentals

The function tests are designed to discover any malfunctions before the machine is put into service.

The operator must follow the step-by-step instructions to test all machine functions.

A malfunctioning machine must never be used. If malfunctions are discovered, the machine must be tagged and removed from service. Repairs to the machine may only be made by a qualified service technician, according to the manufacturer's specifications.

After repairs are completed, the operator must perform a pre-operation inspection and function tests again before putting the machine into service.

1 Select a test area that is firm, level and free of obstruction.

2 Be sure the battery pack is connected.

At the Ground Controls

3 Pull out the platform and ground red Emergency Stop buttons to the on position.

4 Turn the key switch to ground control.

5 Observe the diagnostic LED readout on the platform controls.

⊙ Result: The LED should look like the picture at right.

Test Emergency Stop

6 Push in the ground red Emergency Stop button to the off position.

⊙ Result: No functions should operate.

7 Pull out the red Emergency Stop button to the on position.

Test Up/Down Functions

The audible warnings on this machine and the standard horn all come from the same central alarm. The horn is a constant tone. The descent alarm sounds at 60 beeps per minute. The alarm that goes off when the pothole guards have not deployed sounds at 300 beeps per minute. The alarm that goes off when the machine is not level sounds at 600 beeps per minute. An optional automotive-style horn is also available.

8 Turn the key switch to off or platform position.

9 Move up and hold the platform switch.

⊙ Result: No function should operate.

10 Turn the key switch to ground control position.

11 Move up and hold the platform up switch.

⊙ Result: The platform should raise.

12 Move down and hold the platform down switch.

⊙ Result: The platform should lower then stop at the height is 2.1 m. The descent alarm should sound while the platform is lowering.

13 Move down and hold the platform down switch.

⊙ Result: The platform should lower to end. The descent alarm should sound while the platform is lowering.

Test the Emergency Lowering

14 Activate the up function and raise the platform approximately 60 cm.

15 Pull the emergency lowering knob located the ground control side .

⊙ Result: The platform should lower. The descent alarm will not sound.

16 Turn the key switch to platform control.

At the Platform Controls

Test Emergency Stop

17 Push in the platform red Emergency Stop button to the off position.

⊙ Result: No functions should operate.

18 Pull the red Emergency Stop button out to the on position.

⊙ Result: The LED indicator light should come on.

Test the Horn

19 Push the horn button.

⊙ Result: The horn should sound.

Test Function Enable and Up/Down Functions

20 Do not hold the function enable switch on the control handle.

21 Slowly move the control handle in the direction indicated by the blue arrow, then in the direction indicated by the yellow arrow.

⊙ Result: No functions should operate.

22 Press the lift function select button.

23 Press and hold the function enable switch on the control handle.

24 Slowly move the control handle in the direction indicated by the blue arrow.

⊙ Result: The platform should raise. The pothole guards should deploy.

25 Release the control handle.

⊙ Result: The platform should stop raising.

26 Press and hold the function enable switch. Slowly move the control handle in the direction indicated by the yellow arrow.

⊙ Result: The platform should lower. The descent alarm should sound while the platform is lowering.

Test the Steering

Note: When performing the steer and drive function tests, stand in the platform facing the steer end of the machine.

27 Press the drive function select switch.

28 Press and hold the function enable switch on the control handle.

29 Depress the thumb rocker switch on top of the control handle in the direction identified by the blue left arrow on the control panel.

⊙ Result: The steer wheels should turn in the direction that the blue left arrow points on the control panel.

30 Depress the thumb rocker switch in the direction identified by the white right arrow on the control panel.

⊙ Result: The steer wheels should turn in the direction that the white right arrow points on the control panel.

Test Drive and Braking

31 Press and hold the function enable switch on the control handle.

32 Slowly move the control handle in the direction indicated by the blue up arrow on the control panel until the machine begins to move, then return the handle to the center position.

⊙ Result: The machine should move in the direction that the blue up arrow points on the control panel, then come to an abrupt stop.

33 Press and hold the function enable switch on the control handle.

34 Slowly move the control handle in the direction indicated by the yellow down arrow on the control panel until the machine begins to move, then return the handle to the center position.

⊙ Result: The machine should move in the direction that the yellow down arrow points on the control panel, then come to an abrupt stop.

Note: The brakes must be able to hold the machine on any slope it is able to climb.

Test Limited Drive Speed

35 Press and hold the lift function enable switch. Raise the platform approximately 2.1 m) from the ground.

⊙ Result: The pothole guards should deploy,

36 Press and hold the function enable switch on the control handle.

37 Slowly move the control handle to the full drive position.

⊙ Result: The maximum achievable drive speed with the platform raised should not exceed 20 cm/s.

If the drive speed with the platform raised exceeds 20 cm/s, immediately tag and remove the machine from service.

Test the Tilt Sensor Operation

Note: Perform this test from the ground with the platform controller. Do not stand in the platform.

38 Fully lower the platform.

39 Place a 2x4 or similar piece of wood under both wheels on one side and drive the machine up onto them.

40 Raise the platform at least 2.1 m.

⊙ Result: The platform should stop and the tilt alarm will sound at 600 beeps per minute..

41 Move the drive control handle in the direction indicated by the blue up arrow, then move the drive control handle in the direction indicated by the white down arrow.

⊙ Result: The drive function should not work in either direction.

42 Lower the platform and drive the machine off the block.

Test the Pothole Guards

Note : The pothole guards should automatically deploy when the platform is raised . The pothole guards activate another limit switch which allows the machine to continue to function . If the pothole guards do not deploy , an alarm sounds and the machine will not drive.

43 Raise the platform .

⊙ Result : When the platform is raised 2 m from the ground , the pothole guards should deploy .

44 Press on the pothole guards on one side , and then the other .

⊙ Result : The pothole guards should not move .

45 Lower the platform .

⊙ Result : The pothole guards should return to the stowed position .

46 Place a 2x4 or similar piece of wood under a pothole guard . Raise the platform .

⊙ Result : Before the platform is raised 2 m from the ground , an alarm should sound and the drive function should not Work .

47 Lower the platform and remove the 2x4 wood block.

Do Not Operate Unless:

☑ You learn and practice the principles of safe machine operation contained in this operator's manual.

1 Avoid hazardous situations.

2 Always perform a pre-operation inspection.

3 Always perform function tests prior to use.

4 Inspect the workplace.

Know and understand the workplace inspection before going on to the next section.

5 Only use the machine as it was intended.

Fundamentals

The workplace inspection helps the operator determine if the workplace is suitable for safe machine operation. It should be performed by the operator prior to moving the machine to the workplace.

It is the operator's responsibility to read and remember the workplace hazards, then watch for and avoid them while moving, setting up and operating the machine.

Workplace Inspection

Be aware of and avoid the following hazardous situations:

- Drop-offs or holes
- Bumps, floor obstructions or debris
- Sloped surfaces
- Unstable or slippery surfaces
- Overhead obstructions and high voltage conductors
- Hazardous locations
- Inadequate surface support to withstand all load forces imposed by the machine
- Wind and weather conditions
- The presence of unauthorized personnel
- Other possible unsafe conditions

Do Not Operate Unless:

☐ You learn and practice the principles of safe machine operation contained in this operator's manual.

1 Avoid hazardous situations.

2 Always perform a pre-operation inspection.

3 Always perform function tests prior to use.

4 Inspect the workplace.

5 Only use the machine as it was intended.

Fundamentals

The Operating Instructions section provides instructions for each aspect of machine operation.

It is the operator's responsibility to follow all the safety rules and instructions in the operator's, safety and responsibilities manuals.

Using the machine for anything other than lifting personnel, along with their tools and materials, to an aerial work site is unsafe and dangerous.

Only trained and authorized personnel should be permitted to operate a machine. If more than one operator is expected to use a machine at different times in the same work shift, they must all be qualified operators and are all expected to follow all safety rules and instructions in the operator's, safety and responsibilities manuals. That means every new operator should perform a pre-operation inspection, function tests, and a workplace inspection before using the machine.

Emergency Stop

Push in the red Emergency Stop button to the off position at the ground controls or the platform controls to stop all machine functions.

Repair any function that operates when either red Emergency Stop button is pushed in.

Emergency Lowering

1 Pull the emergency lowering knob.

Operation from Ground

1 Turn the key switch to ground control.

2 Pull out both ground and platform red Emergency Stop buttons to the on position.

3 Be sure the battery pack is connected before operating the machine.

To Position Platform

1 Move the up/down toggle switch according to the markings on the control panel..

Drive and steer functions are not available from the ground controls.

Operation from Platform

1 Turn the key switch to platform control.

2 Pull out the ground and platform red Emergency Stop buttons to the on position.

3 Be sure the battery pack is connected before operating the machine.

To Position Platform

1 Press the lift function select button.

2 Press and hold the lift function enable switch on the control handle.

3 Move the control handle according to the markings on the control panel.

To Steer

1 Press the drive function select button.

2 Press and hold the function enable switch on the control handle.

3 Turn the steer wheels with the thumb rocker switch located on the top of the control handle.

To Drive

1 Press the drive function select button.

2 Press and hold the function enable switch on the control handle.

3 Increase speed: Slowly move the control handle off center.

Decrease speed: Slowly move the control handle toward center.

Stop: Return the control handle to center or release the function enable switch.

Use the color-coded direction arrows on the platform controls and on the platform to identify the direction the machine will travel.

Machine travel speed is restricted when the

platform is raised.

Battery condition will affect machine performance. Machine drive speed and function speed will drop when the battery level indicator is flashing.

To reduce drive speed

The drive controls can operate in two different drive speed modes. When the drive speed button light is on, slow drive speed mode is active. When the button light is off, fast drive speed mode is active.

Press the drive speed button to select the desired drive speed.

⚠ Driving on a slope

Determine the slope and side slope ratings for the machine and determine the slope grade.

S0608, S0808, S0812, S1012 Maximum slope rating, stowed position 25% , Maximum side slope rating, stowed position 25%

Note: Slope rating is subject to ground conditions and adequate traction.

Press the drive speed button to the fast drive speed mode.

To determine the slope grade

Measure the slope with a digital inclinometer OR use the following procedure.

You will need:

Carpenter’s level

straight piece of wood, at least 1 m long

tape measure

Lay the piece of wood on the slope.

At the downhill end, lay the level on the top edge of the piece of wood and lift the end until the piece of wood is level.

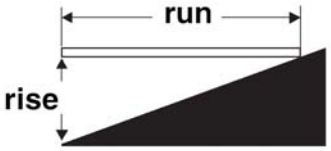
While holding the piece of wood level, measure the distance from the bottom of the piece of wood to the ground.

Divide the tape measure distance (rise) by the length of the piece of wood (run) and multiply by 100.

Example:

Run = 3.6 m

Rise = 0.3 m



0.3 m ÷ 3.6 m = 0.083 x 100 = 8.3%

If the slope exceeds the maximum slope or side slope rating, the machine must be winched or transported up or down the slope. See Transport and Lifting section.

Operation from Ground with Controller

Maintain safe distances between operator, machine and fixed objects.

Be aware of the direction the machine will travel when using the controller.

Battery Level Indicator

Full Low

Use the LED diagnostic readout to determine the battery level.

How to use the Safety Arm

1 Raise the platform approximately 3 m from the ground.

2 Rotate the safety arm away from the machine and let it hang down.

3 Lower the platform until the safety arm rests securely on the link. Keep clear of the safety arm when lowering the platform.

DANGER Don't engage the safety arm unless unload the platform.

How to Fold Down the Guardrails

The platform railing system consists of three fold down rail section for the extension deck and three section for the main deck. All sections are held in place by four wire lock pins.

1. Fully lower the platform and retract the platform extension.
2. Remove the platform controls.
3. From inside the platform, remove the two front extension deck wire lock pins.
4. Fold down the front rail assembly. Keep hands clear of pinch points.
5. Replace the two removed pins back into each side rail bracket.
6. Fold down the extension platform right rail assembly. Keep hands clear of pinch points.
7. Fold down the extension platform left rail assembly. Keep hands clear of pinch points.
8. Carefully open the gate and move to the rear step or the ground.
9. From the rear step or from the ground, remove the right rear main deck wire lock pins.
10. Fold down the right rail assembly. Keep hands clear of pinch points.
11. Replace the removed pin back into rear rail bracket.
12. Remove the left rear main deck wire lock pins.
13. Fold down the left rail assembly. Keep hands clear of pinch points.
14. Replace the removed pin back into rear rail bracket.

How to Raise the Guardrails

Follow the fold down instructions but in reverse order.

To Extend and Retract Platform

1. Press the platform lock pin pedal on the extension deck by foot.
2. Push the platform extension guardrail to extend the platform to the desired position.

   Do not stand on the platform extension while trying to extend it.

Error indicator readout

If the LED diagnostic readout displays an error code, such as LL, push in and pull out the red Emergency Stop button to reset the system.

Fault Codes	
Code	Description
--	Condition Normal
01	System initialization error
02	System communication error
03	Invalid option Setting
12	Chassis Up/Down Switch ON at Power-up
18	Pothole Guard Failure
31	Pressure Sensor Fault
32	Angle Sensor Fault
34	Mode Switch Failure
42	Platform Left Turn Switch ON at Power-up
43	Platform Right Turn Switch ON at Power-up
46	Platform Joystick Enable Switch ON at Power-up
47	Platform Joystick not in neutral at power-up
52	Drive Forward Coil Fault
53	Drive Reverse Coil Fault
54	Lift Up Coil Fault
55	Lift Down Coil Fault
56	Right Turn Coil Fault
57	Left Turn Coil Fault
58	Brake Fault
59	Low Speed Coil Fault
61	Motor Controller Current Sensor Fault
62	Motor Controller Hardware Failsafe Fault
63	Motor Controller Motor Output Fault
64	Motor Controller SRO Fault
65	Motor Controller Throttle Fault
66	Motor Controller Emergency Reverse Fault
67	Motor Controller HPD Fault
68	Low Voltage Fault
71	Motor Controller Main Contactor Fault
72	Motor Controller Over Voltage Fault
73	Motor Controller Thermal Cutback Fault
74	Motor Controller Motor Fault
80	Over 80% Load
90	Over 90% Load
99	Over 100% Load
OL	Overloaded Platform
LL	Machine Tilted beyond safe limits

For more information, please consult the appropriate Dingli Service Manual.

Battery and Charger Instructions

Observe and Obey:

☑ Do not use an external charger or booster battery.

☑ Charge the battery in a well-ventilated area.

☑ Use proper AC input voltage for charging as indicated on the charger.

☑ Use only a Dingli authorized battery and charger.

To Charge Battery

1. Be sure the batteries are connected before charging the batteries.
2. Open the battery compartment. The compartment should remain open for the entire charging cycle.

Maintenance - free batteries

3. Connect the battery charger to a grounded AC circuit.
4. The charger will indicate when the battery is fully charged.

Standard Batteries

3. Remove the battery vent caps and check the battery acid level. If necessary, add only enough distilled water to cover the plates. Do not overfill prior to the charge cycle.
4. Replace the battery vent caps.
5. Connect the battery charger to a grounded AC circuit.
6. The charger will indicate when the battery is fully charged.
7. Check the battery acid level when the charging cycle is complete. Replenish with distilled water to the bottom of the fill tube. Do not overfill.

Dry Battery Filling and Charging Instructions

1. Remove the battery vent caps and permanently remove the plastic seal from the battery vent openings.
2. Fill each cell with battery acid (electrolyte) until the level is sufficient to cover the plates.

Do not fill to maximum level until the battery charge cycle is complete. Overfilling can cause the battery acid to overflow during charging. Neutralize battery acid spills with baking soda and water.

3. Install the battery vent caps.
4. Charge the battery.
5. Check the battery acid level when the charging cycle is complete. Replenish with distilled water to the bottom of the fill tube. Do not overfill.

Observe and Obey:

√ Common sense and planning must be applied to control the movement of the machine when lifting it with a crane or forklift.

√ Only qualified aerial lift operators should move the machine on or off the truck.

√ The transport vehicle must be parked on a level surface.

√ The transport vehicle must be secured to prevent rolling while the machine is being loaded.

√ Be sure the vehicle capacity, loading surfaces and chains or straps are sufficient to withstand the machine weight. See the serial label for the machine weight.

√ The machine must be on a level surface or secured before releasing the brakes.

√ Do not allow the rails to fall when the snap pins are removed. Maintain a firm grasp on the rails when the rails are lowered.

√ Do not drive the machine on a slope that exceeds the slope or side slope rating. See Driving on a Slope in the Operating Instructions section.

√ If the slope of the transport vehicle bed exceeds the maximum slope rating, the machine must be loaded and unloaded using a winch as described.

Brake Release Operation

For the Hydraulic Motor Drive Model

1. Chock the wheels to prevent the machine from rolling.
2. Be sure the winch line is properly secured to the drive chassis tie points and the path is clear of all obstructions.
3. Push in the black brake release knob to open the brake valve.
4. Pump the red brake release pump knob.

For the DC Motor Drive Model

1. Chock the wheels to prevent the machine from rolling.
2. Pull out the red Emergency Stop button on both the ground and platform controls to the on position.
3. Press and hold lift switch to “down” position in ground control, meanwhile turn on the key switch to the "Ground" position. The brake will be released after Alarm alerts.
4. If you want to close the brake release, just turn off the key switch in “ground” position.

Towing the Hydraulic Drive Model is not recommended. If the machine must be towed, do not exceed 3.5 km/h.
Towing the DC Motor Drive Model is not recommended. If the machine must be towed, do not exceed 4.1 km/h.

Securing to Truck or Trailer for Transit

Always chock the machine wheels in preparation for transport.

Retract and secure the extension deck(s).

Turn the key switch to the off position and remove the key before transporting.

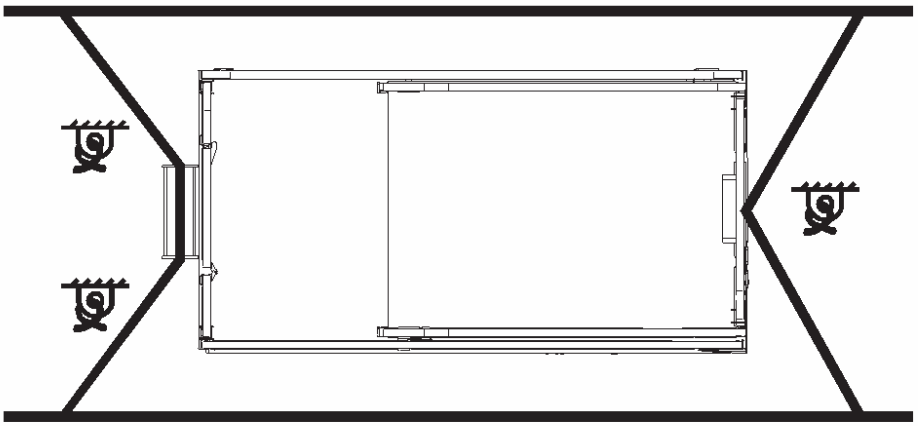
Inspect the entire machine for loose or unsecured items.

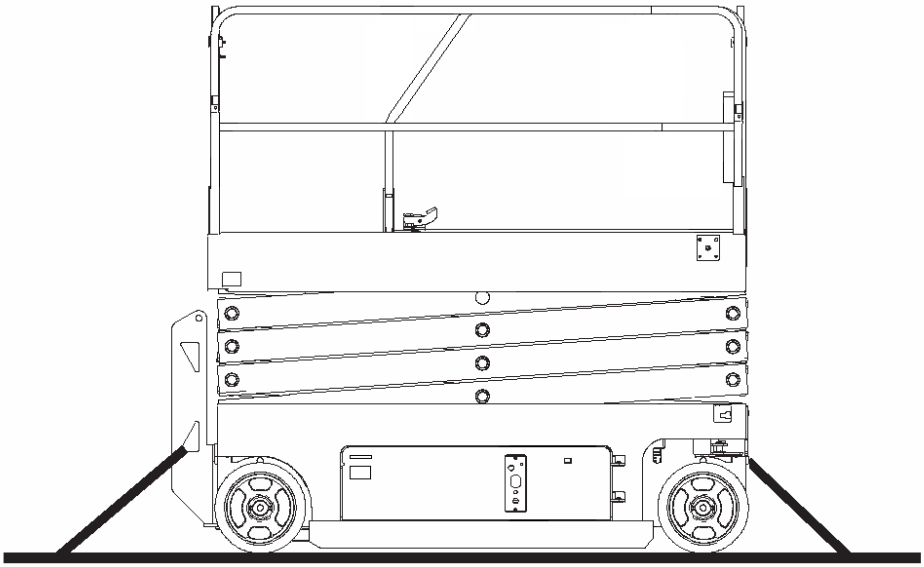
Use the tie-down points on the chassis for anchoring down to the transport surface.

Use a minimum of 2 chains or straps.

Use chains or straps of ample load capacity.

If the railings have been folded down, secure them with straps before transporting.





Observe and Obey:

☑ Only qualified riggers should rig and lift the machine.

☑ Only qualified forklift operators should lift the machine with a forklift.

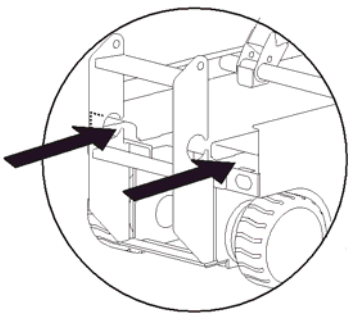
☑ Be sure the crane capacity, loading surfaces and straps or lines are sufficient to withstand the machine weight. See the serial plate for the machine weight.

Lifting the Machine with a Forklift

Be sure the extension deck, controls and component trays are secure. Remove all loose items on the machine.

Fully lower the platform. The platform must remain lowered during all loading and transport procedures.

Use the forklift pockets located on both sides of the ladder.



Position the forklift forks in position with the forklift pockets.

Drive forward to the full extent of the forks.

Raise the machine 6 in / 15 cm and then tilt the forks back slightly to keep the machine secure.

Be sure the machine is level when lowering the forks.

NOTICE Lifting the machine from the side can result in component damage.

Lifting Instructions

Fully lower the platform. Be sure the extension decks, controls and covers are secure. Remove all loose items on the machine.

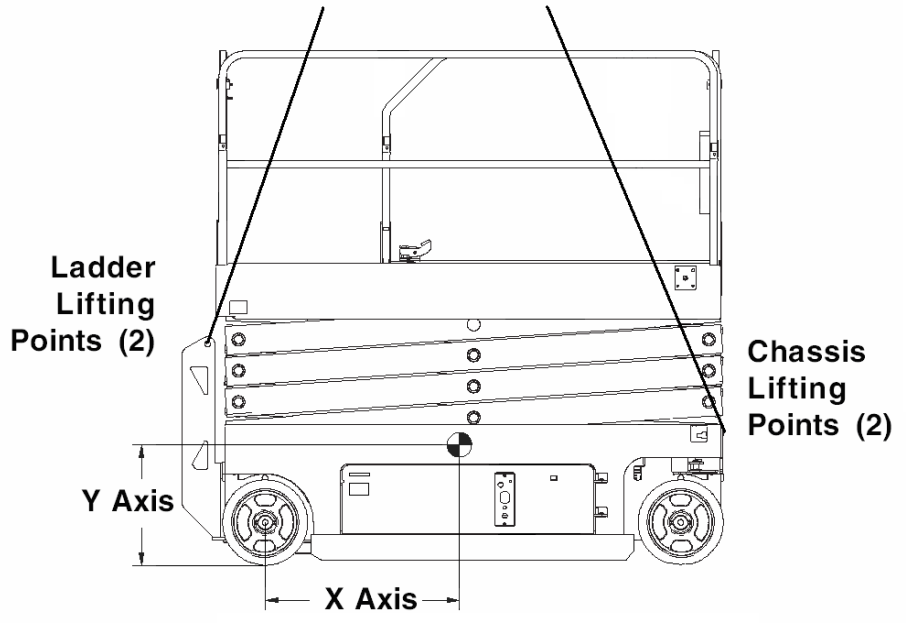
Determine the center of gravity of your machine using the table and the picture on this page.

Attach the rigging only to the designated lifting points on the machine. There are two lifting points on each end of the machine.

Adjust the rigging to prevent damage to the machine and to keep the machine level.

Center of gravity

Model	X Axis	Y Axis
JCPT0808HD JCPT0808DC	90.5 cm	56.5cm
JCPT1008HD JCPT1008DC	80.6cm	57.6cm
JCPT1012HD JCPT1012DC	89cm	64.4cm
JCPT1212HD JCPT1212DC	83cm	68.2cm



Decal Inspection

Use the pictures on the next page to verify that all decals are legible and in place.

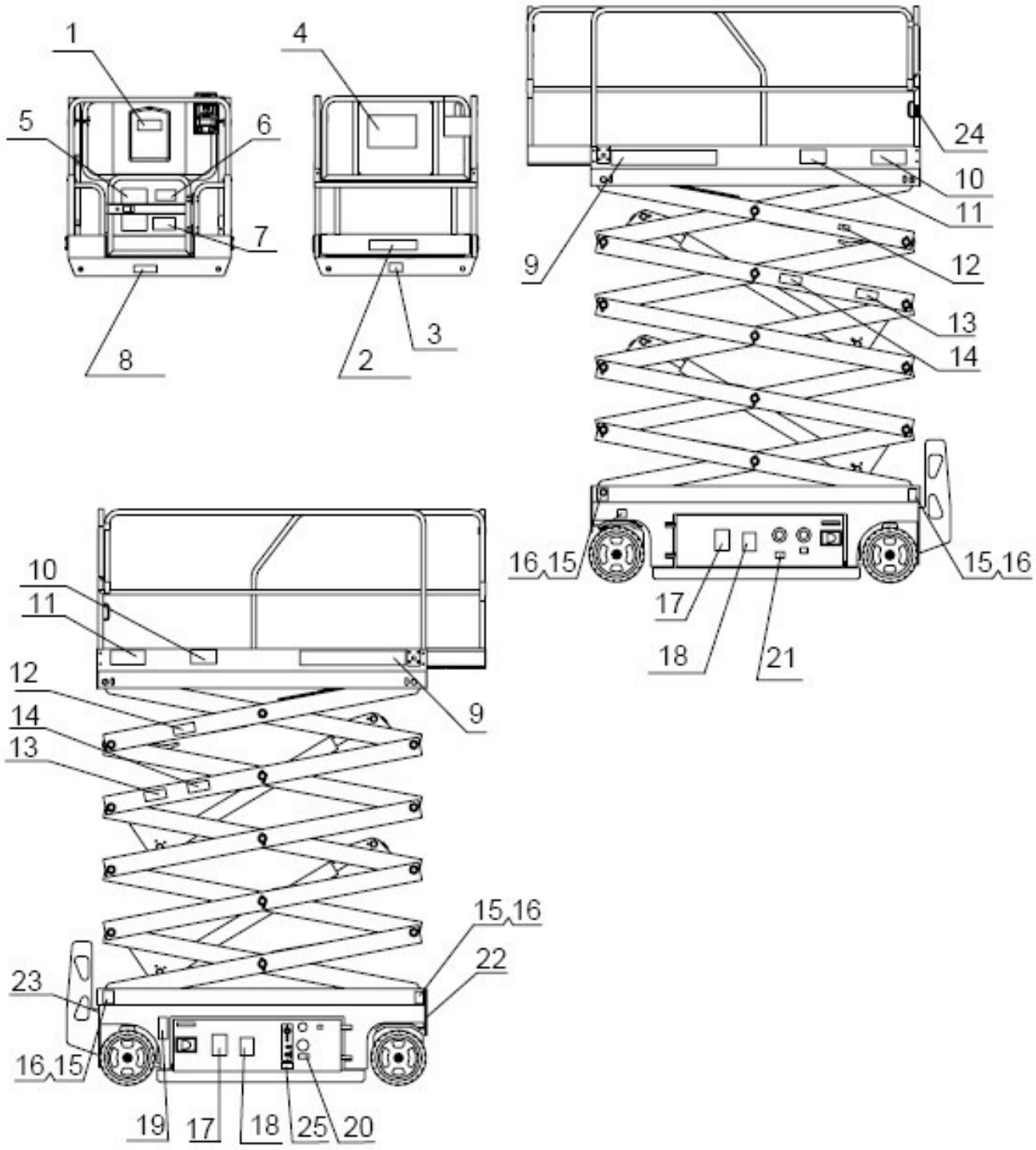
Below is a numerical list with quantities and descriptions.

No.	Part No.	Description	Qty.
1		Notice - Manual Box	1
2		lPAF Decal	1
3		CE Decal	1
4		Logo Decal	1
5		Danger - Safety Rules	1
6		Danger -Tip-over Hazard	1
7		Danger -Tilt Operation instruction	1
8		Capacity Decal	1
9		Series Name Decal	2
10		Model Name Decal	2
11		Notice - Side Force	2
12		Safety Arm	2
13		Danger- Crush Hazard	2
14		Warning- Crush Hazard	2
15		Crane Hole Decal	4
16		Tie Hole Decal	4
17		Warning- Pre Operation	2
18		Danger- Explosion/burn Hazard	2
19		Nameplate	1
20		Emergency Lower	1
21		Warning- Battery Charging	1
22		Warning- Crush Hazard	1
23		Forklift Pocket	2
24		Harness Decal	4
25		Notice- Keyswitch	1

Decals

JCPT0808HD JCPT1008HD JCPT1012HD JCPT1212HD

JCPT0808DC JCPT1008DC JCPT1012DC JCPT1212DC



Specifications

Model: JCPT0808HD

Height, working maximum	8 m
Height, platform maximum	6 m
Height, stowed maximum Rails up	2.21 m
Height, stowed maximum Rails lowered	1.75 m
Width	0.81 m
Length, platform retracted	2.48 m
Length, platform extended	3.38 m
Platform dimensions Platform length x width	2.27 x 0.81 m
Platform extension length	0.9 m
Maximum load capacity	380 kg
Maximum wind speed	12.5 m/s
Wheelbase	1.87 m
Turning radius (outside)	2.19 m
Turning radius (inside)	0
Ground clearance	10cm
Ground clearance Pothole guards deployed	1.9 cm
Weight	1950kg
(Machine weights vary with option configurations)	
Power source	4 Batteries , 6V 210AH
Controls	Proportional
AC outlet in platform	Standard

Maximum hydraulic pressure (functions)	241.3 bar
System voltage	24V
Tire size	Φ381×127
Airborne noise emissions	<70 dB
Maximum sound level at normal operating workstations (A-weighted)	
Vibration value does not exceed 2 .5m / s^2	
Maximum slope rating , Stowed position	25%
Maximum side slope rating Stowed position	25%
Note : Slope rating is subject to ground conditions and adequate traction **.**	
Maximum working slope	3°
Drive speeds	
Stowed, maximum	3.5 km/h
Platform raised, maximum	0.8 km/h
Floor loading information	
Tire load, maximum	1000 kg
Tire contact pressure	6.96 kg/cm^2 682 kPa
Occupied floor pressure	1060 kg/m^2 10.39 kPa

Note: Floor loading information is approximate and does not incorporate different option configurations.

It should be used only with adequate safety factors.

Continuous improvement of our products is a DINGLI policy. Product specifications are subject to change without notice or obligation.

Specifications

Model: JCPT1008HD

Height, working maximum	10 m
Height, platform maximum	8 m
Height, stowed maximum Rails up	2.33 m
Height, stowed maximum Rails lowered	1.88 m
Width	0.81 m
Length, platform retracted	2.48 m
Length, platform extended	3.38 m
Platform dimensions Platform length x width	2.27 x 0.81 m
Platform extension length	0.9 m
Maximum load capacity	230 kg
Maximum wind speed	12.5 m/s
Wheelbase	1.87 m
Turning radius (outside)	2.19 m
Turning radius (inside)	0
Ground clearance	10cm
Ground clearance Pothole guards deployed	1.9 cm
Weight	2100kg
(Machine weights vary with option configurations)	
Power source	4 Batteries , 6V 210AH
Controls	Proportional
AC outlet in platform	Standard

Maximum hydraulic pressure (functions)	241.3 bar
System voltage	24V
Tire size	Φ381×127
Airborne noise emissions	<70 dB
Maximum sound level at normal operating workstations (A-weighted)	
Vibration value does not exceed 2 .5m / s^2	
Maximum slope rating , Stowed position	25%
Maximum side slope rating Stowed position	25%
Note : Slope rating is subject to ground conditions and adequate traction **.**	
Maximum working slope	3°
Drive speeds	
Stowed, maximum	3.5 km/h
Platform raised, maximum	0.8 km/h
Floor loading information	
Tire load, maximum	1000 kg
Tire contact pressure	6.96 kg/cm^2 682 kPa
Occupied floor pressure	1142 kg/m^2 11.19 kPa

Note: Floor loading information is approximate and does not incorporate different option configurations.

It should be used only with adequate safety factors.

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Specifications

Model: JCPT1012HD

Height, working maximum	10 m
Height, platform maximum	8 m
Height, stowed maximum Rails up	2.33 m
Height, stowed maximum Rails lowered	1.86 m
Width	1.15 m
Length, platform retracted	2.48 m
Length, platform extended	3.38 m
Platform dimensions Platform length x width	2.27 x 1.12 m
Platform extension length	0.9 m
Maximum load capacity	450 kg
Maximum wind speed	12.5 m/s
Wheelbase	1.87 m
Turning radius (outside)	2.33 m
Turning radius (inside)	0
Ground clearance	10cm
Ground clearance Pothole guards deployed	1.9 cm
Weight	2300kg
(Machine weights vary with option configurations)	
Power source	4 Batteries , 6V 210AH
Controls	Proportional
AC outlet in platform	Standard

Maximum hydraulic pressure (functions)	241.3 bar
System voltage	24V
Tire size	Φ381×127
Airborne noise emissions	<70 dB
Maximum sound level at normal operating workstations (A-weighted)	
Vibration value does not exceed 2 .5m / s^2	
Maximum slope rating , Stowed position	25%
Maximum side slope rating Stowed position	25%
Note : Slope rating is subject to ground conditions and adequate traction **.**	
Maximum working slope	3°
Drive speeds	
Stowed, maximum	3.5 km/h
Platform raised, maximum	0.8 km/h
Floor loading information	
Tire load, maximum	1000 kg
Tire contact pressure	7.09 kg/cm^2 694 kPa
Occupied floor pressure	881 kg/m^2 8.63 kPa

Note: Floor loading information is approximate and does not incorporate different option configurations.

It should be used only with adequate safety factors.

Continuous improvement of our products is a DINGLI policy. Product specifications are subject to change without notice or obligation.

Specifications

Model: JCPT1212HD

Height, working maximum	12 m
Height, platform maximum	10 m
Height, stowed maximum Rails up	2.46 m
Height, stowed maximum Rails lowered	1.99 m
Width	1.15 m
Length, platform retracted	2.48 m
Length, platform extended	3.38 m
Platform dimensions Platform length x width	2.27 x 1.12 m
Platform extension length	0.9 m
Maximum load capacity	320 kg
Maximum wind speed	12.5 m/s
Wheelbase	1.87 m
Turning radius (outside)	2.33 m
Turning radius (inside)	0
Ground clearance	10cm
Ground clearance Pothole guards deployed	1.9 cm
Weight	2730kg
(Machine weights vary with option configurations)	
Power source	4 Batteries , 6V 210AH
Controls	Proportional
AC outlet in platform	Standard

Maximum hydraulic pressure (functions)	241.3 bar
System voltage	24V
Tire size	Φ381×127
Airborne noise emissions	<70 dB
Maximum sound level at normal operating workstations (A-weighted)	
Vibration value does not exceed 2 .5m / s^2	
Maximum slope rating , Stowed position	25%
Maximum side slope rating Stowed position	25%
Note : Slope rating is subject to ground conditions and adequate traction **.**	
Maximum working slope	3°
Drive speeds	
Stowed, maximum	3.5 km/h
Platform raised, maximum	0.8 km/h
Floor loading information	
Tire load, maximum	1000 kg
Tire contact pressure	7.44 kg/cm^2 729 kPa
Occupied floor pressure	1045 kg/m^2 10.25 kPa

Note: Floor loading information is approximate and does not incorporate different option configurations.

It should be used only with adequate safety factors.

Continuous improvement of our products is a DINGLI policy. Product specifications are subject to change without notice or obligation.

Specifications

Model: JCPT0808DC

Height, working maximum	8 m
Height, platform maximum	6 m
Height, stowed maximum Rails up	2.21 m
Height, stowed maximum Rails lowered	1.75 m
Width	0.81 m
Length, platform retracted	2.48 m
Length, platform extended	3.38 m
Platform dimensions Platform length x width	2.27 x 0.81 m
Platform extension length	0.9 m
Maximum load capacity	380 kg
Maximum wind speed	12.5 m/s
Wheelbase	1.87 m
Turning radius (outside)	2.19 m
Turning radius (inside)	0
Ground clearance	10cm
Ground clearance Pothole guards deployed	1.9 cm
Weight	1950kg
(Machine weights vary with option configurations)	
Power source	4 Batteries , 6V 210AH
Controls	Proportional
AC outlet in platform	Standard

Maximum hydraulic pressure (functions)	241.3 bar
System voltage	24V
Tire size	Φ381×127
Airborne noise emissions	<70 dB
Maximum sound level at normal operating workstations (A-weighted)	
Vibration value does not exceed 2 .5m / s^2	
Maximum slope rating , Stowed position	25%
Maximum side slope rating Stowed position	25%
Note : Slope rating is subject to ground conditions and adequate traction **.**	
Maximum working slope	3°
Drive speeds	
Stowed, maximum	5.0 km/h
Platform raised, maximum	0.8 km/h
Floor loading information	
Tire load, maximum	1000 kg
Tire contact pressure	6.96 kg/cm^2 682 kPa
Occupied floor pressure	1060 kg/m^2 10.39 kPa

Note: Floor loading information is approximate and does not incorporate different option configurations.

It should be used only with adequate safety factors.

Continuous improvement of our products is a DINGLI policy. Product specifications are subject to change without notice or obligation.

Specifications

Model: JCPT1008DC

Height, working maximum	10 m
Height, platform maximum	8 m
Height, stowed maximum Rails up	2.33 m
Height, stowed maximum Rails lowered	1.88 m
Width	0.81 m
Length, platform retracted	2.48 m
Length, platform extended	3.38 m
Platform dimensions Platform length x width	2.27 x 0.81 m
Platform extension length	0.9 m
Maximum load capacity	230 kg
Maximum wind speed	12.5 m/s
Wheelbase	1.87 m
Turning radius (outside)	2.19 m
Turning radius (inside)	0
Ground clearance	10cm
Ground clearance Pothole guards deployed	1.9 cm
Weight	2100kg
(Machine weights vary with option configurations)	
Power source	4 Batteries , 6V 210AH
Controls	Proportional
AC outlet in platform	Standard

Maximum hydraulic pressure (functions)	241.3 bar
System voltage	24V
Tire size	Φ381×127
Airborne noise emissions	<70 dB
Maximum sound level at normal operating workstations (A-weighted)	
Vibration value does not exceed 2 .5m / s^2	
Maximum slope rating , Stowed position	25%
Maximum side slope rating Stowed position	25%
Note : Slope rating is subject to ground conditions and adequate traction **.**	
Maximum working slope	3°
Drive speeds	
Stowed, maximum	5.0 km/h
Platform raised, maximum	0.8 km/h
Floor loading information	
Tire load, maximum	1000 kg
Tire contact pressure	6.96 kg/cm^2 682 kPa
Occupied floor pressure	1142 kg/m^2 11.19 kPa

Note: Floor loading information is approximate and does not incorporate different option configurations.

It should be used only with adequate safety factors.

Continuous improvement of our products is a DINGLI policy. Product specifications are subject to change without notice or obligation.

Specifications

Model: JCPT1012DC

Height, working maximum	10 m
Height, platform maximum	8 m
Height, stowed maximum Rails up	2.33 m
Height, stowed maximum Rails lowered	1.86 m
Width	1.15 m
Length, platform retracted	2.48 m
Length, platform extended	3.38 m
Platform dimensions Platform length x width	2.27 x 1.12 m
Platform extension length	0.9 m
Maximum load capacity	450 kg
Maximum wind speed	12.5 m/s
Wheelbase	1.87 m
Turning radius (outside)	2.33 m
Turning radius (inside)	0
Ground clearance	10cm
Ground clearance Pothole guards deployed	1.9 cm
Weight	2300kg
(Machine weights vary with option configurations)	
Power source	4 Batteries , 6V 210AH
Controls	Proportional
AC outlet in platform	Standard

Maximum hydraulic pressure (functions)	241.3 bar
System voltage	24V
Tire size	Φ381×127
Airborne noise emissions	<70 dB
Maximum sound level at normal operating workstations (A-weighted)	
Vibration value does not exceed 2 .5m / s^2	
Maximum slope rating , Stowed position	25%
Maximum side slope rating Stowed position	25%
Note : Slope rating is subject to ground conditions and adequate traction **.**	
Maximum working slope	3°
Drive speeds	
Stowed, maximum	5.0 km/h
Platform raised, maximum	0.8 km/h
Floor loading information	
Tire load, maximum	1000 kg
Tire contact pressure	7.09 kg/cm^2 694 kPa
Occupied floor pressure	881 kg/m^2 8.63 kPa

Note: Floor loading information is approximate and does not incorporate different option configurations.

It should be used only with adequate safety factors.

Continuous improvement of our products is a DINGLI policy. Product specifications are subject to change without notice or obligation.

Specifications

Model: JCPT1212DC

Height, working maximum	12 m
Height, platform maximum	10 m
Height, stowed maximum Rails up	2.46 m
Height, stowed maximum Rails lowered	1.99 m
Width	1.15 m
Length, platform retracted	2.48 m
Length, platform extended	3.38 m
Platform dimensions Platform length x width	2.27 x 1.12 m
Platform extension length	0.9 m
Maximum load capacity	320 kg
Maximum wind speed	12.5 m/s
Wheelbase	1.87 m
Turning radius (outside)	2.33 m
Turning radius (inside)	0
Ground clearance	10cm
Ground clearance Pothole guards deployed	1.9 cm
Weight	2730kg
(Machine weights vary with option configurations)	
Power source	4 Batteries , 6V 210AH
Controls	Proportional
AC outlet in platform	Standard

Maximum hydraulic pressure (functions)	241.3 bar
System voltage	24V
Tire size	Φ381×127
Airborne noise emissions	<70 dB
Maximum sound level at normal operating workstations (A-weighted)	
Vibration value does not exceed 2 .5m / s^2	
Maximum slope rating , Stowed position	25%
Maximum side slope rating Stowed position	25%
Note : Slope rating is subject to ground conditions and adequate traction **.**	
Maximum working slope	3°
Drive speeds	
Stowed, maximum	5.0 km/h
Platform raised, maximum	0.8 km/h
Floor loading information	
Tire load, maximum	1000 kg
Tire contact pressure	7.44 kg/cm^2 729 kPa
Occupied floor pressure	1045 kg/m^2 10.25 kPa

Note: Floor loading information is approximate and does not incorporate different option configurations.

It should be used only with adequate safety factors.

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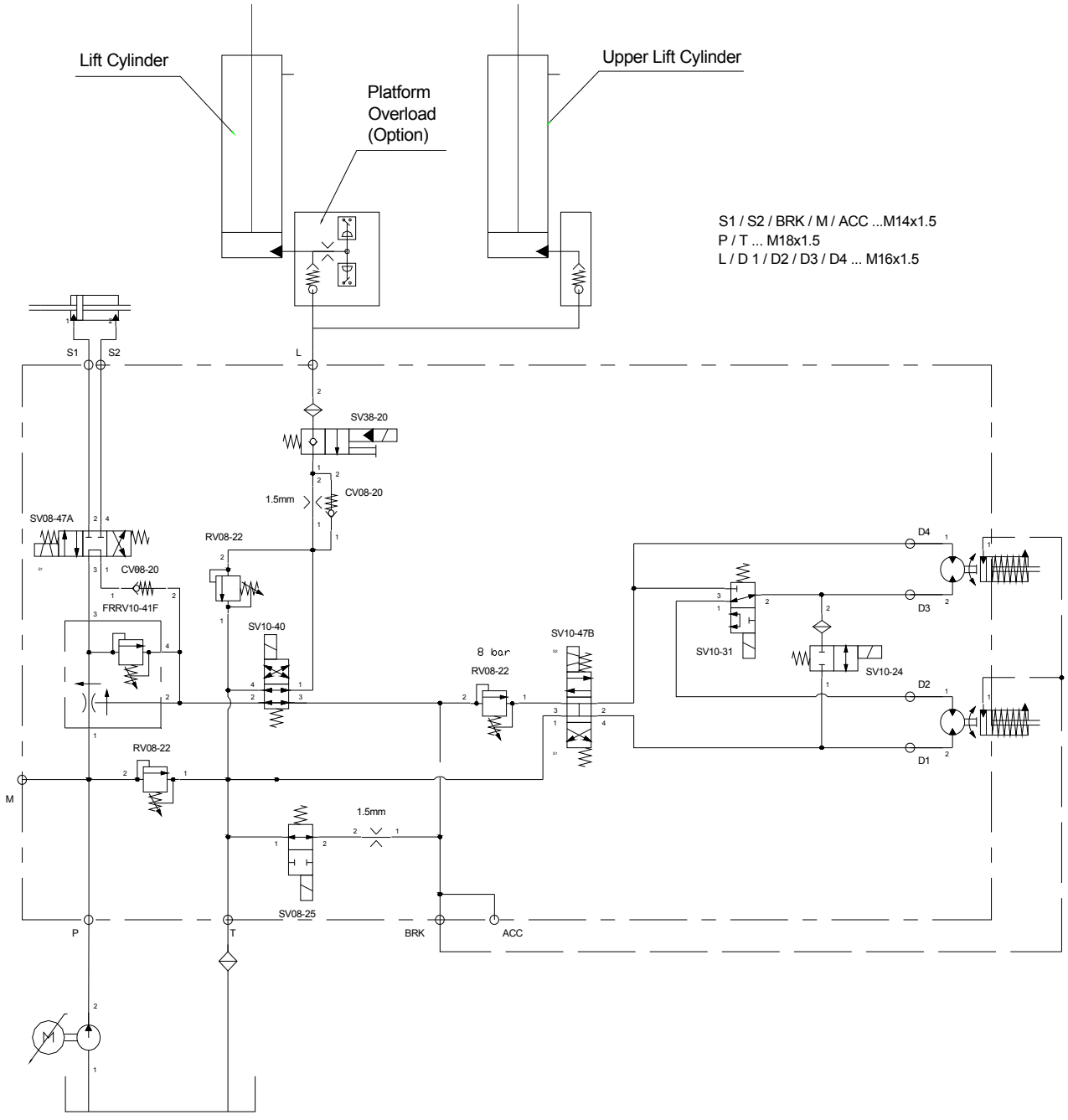
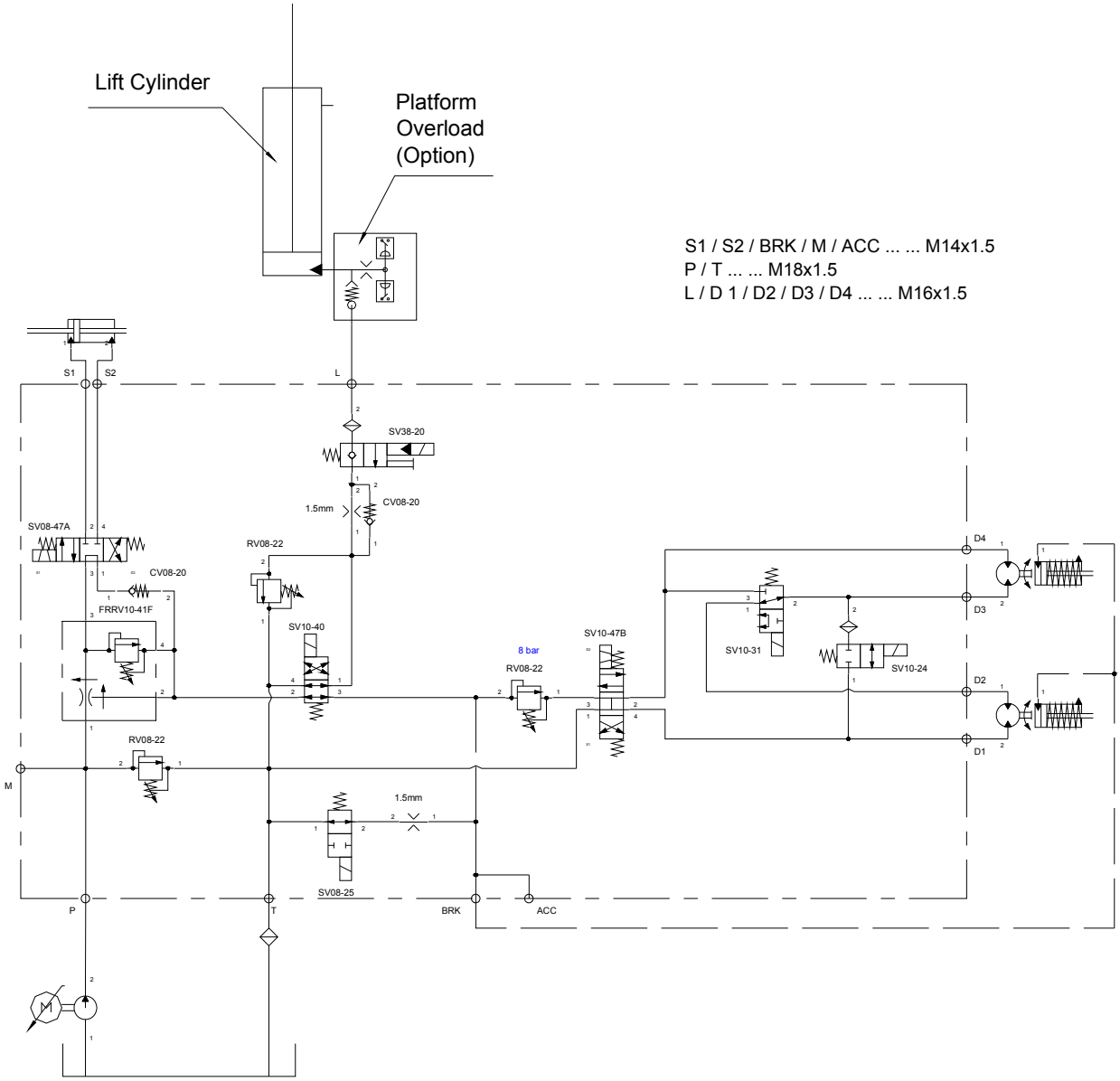
Hydraulic Schematic

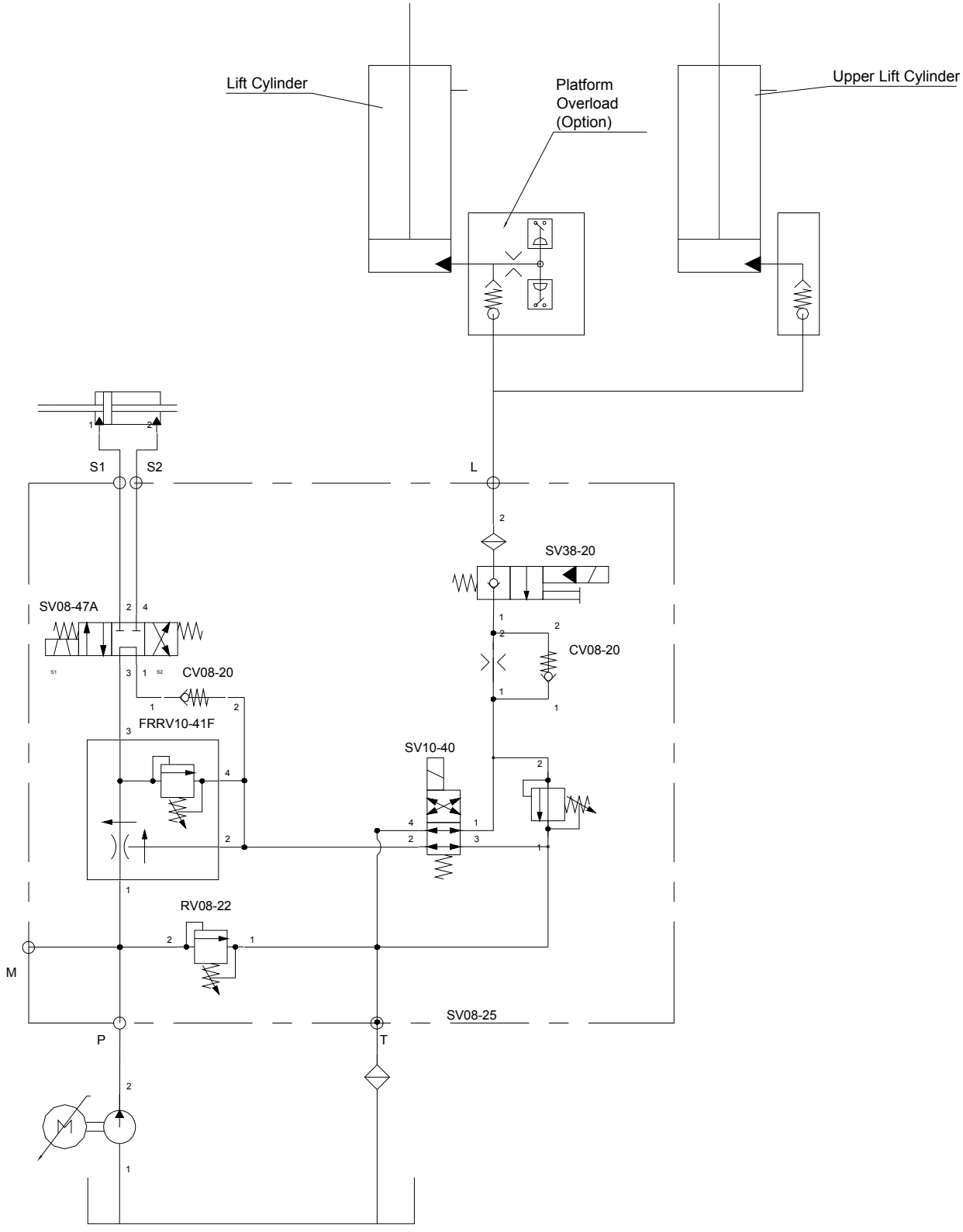
JCPT1212HD



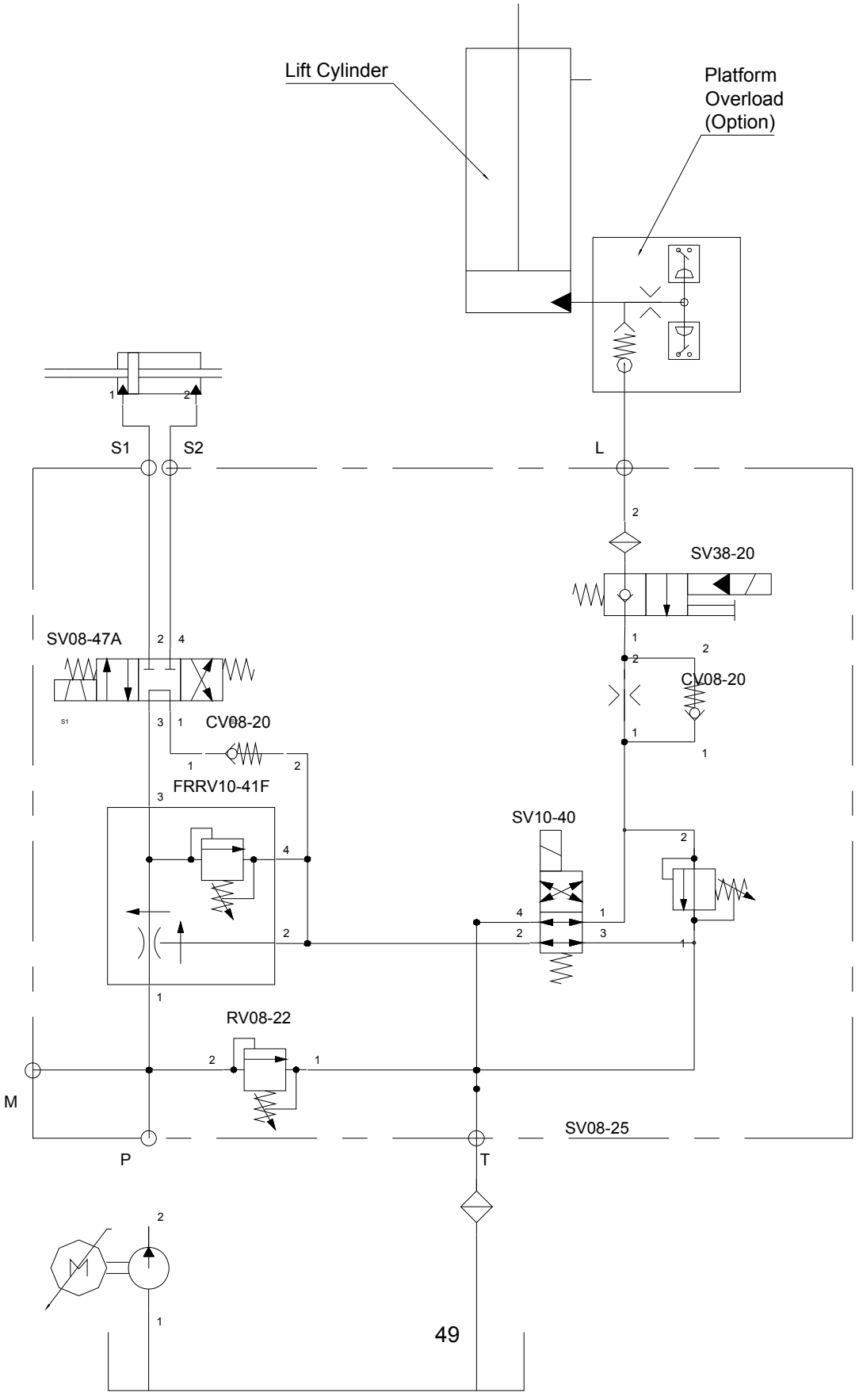
JCPT1012HD / JCPT1008HD / JCPT0808HD



JCPT1212DC

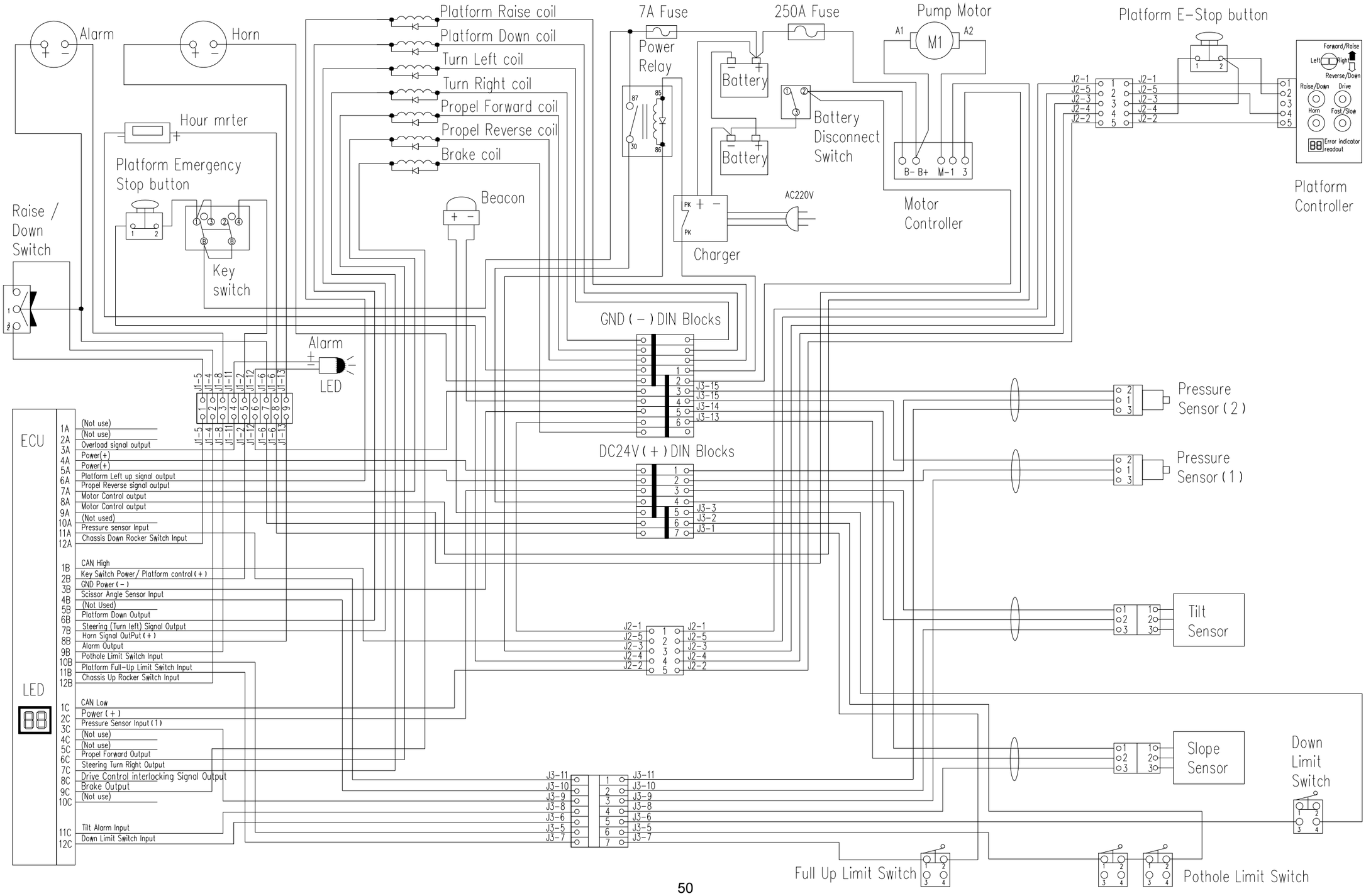

Lift Cylinder
Platform
Overload
(Option)
Upper Lift Cylinder
S1
S2
L
SV38-20
SV08-47A
CV08-20
CV08-20
FRRV10-41F
SV10-40
RV08-22
M
SV08-25
P
T

JCPT1012DC / JCPT1008DC / JCPT0808DC



Electrical Schematic

— JCPT0808HD JCPT1008HD JCPT1012HD JCPT1212HD



— JCPT0808DC JCPT1008DC JCPT1012DC JCPT1212DC